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33. The fluid flow sampler as recited in claim 30 wherein said recorder means is a printer.

34. The fluid flow sampler as recited in claim 29 including motor driven means for mixing the collected fluid samples in said second vessel means during said repetitive cycle.

35. The fluid flow sampler as recited in claim 34 wherein said second vessel means includes heat ex-

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change means adapted to be connected to a liquid coolant source for cooling the collected fluid samples therein.

36. The fluid flow sampler as recited in claim 16 wherein said control includes means for controlling the time interval of said sampling cycles.

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